

I/We claim:

1. A plug connector arrangement, comprising:

a fixed housing having a latching element and a
control means;

5 a moveable housing having an actuation slide
means, the actuation slide means having a control
element that co-operates with the control means to
actuate the moveable housing toward the fixed housing
and into engagement therewith; and

10 a latching device which co-operates with the
latching element to hold the moveable housing in
position relative to the fixed housing before
actuation.

15 2. The plug connector arrangement of claim 1, wherein the
latching device is a latching hook and the latching
element is a corresponding latching projection.

20 3. The plug connector arrangement of claim 2, wherein the
latching hook is integrally formed from the actuation
slide means on a distal end of cut-out spring arm.

4. The plug connector arrangement of claim 1, wherein the control element is a groove and the control means is a cam projection that is received in the groove.
5. The plug connector arrangement of claim 4, wherein the groove extends at an inclination with respect to the direction of movement of the moveable housing.
6. The plug connector arrangement of claim 4, wherein the groove is formed as a web integrally formed on a surface of the actuation slide means.
7. The plug connector arrangement of claim 4, wherein the groove is formed as an opening in a wall of the actuation slide means.
8. The plug connector arrangement of claim 4, wherein the latching element is arranged in an introductory region of the groove.
9. The plug connector arrangement of claim 8, wherein the latching element projects into the groove.

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9. The plug connector arrangement of claim 8, wherein the latching element projects into the groove.

10. The plug connector arrangement of claim 4, wherein the latching element is formed by the cam projection.

11. A plug connector arrangement, comprising:

5 a fixed housing having a latching element and a cam projection;

 a moveable housing having an actuation slide means, the actuation slide means has a ramp-like groove that receives the cam projection to actuate the 10 moveable housing toward the fixed housing and into engagement therewith; and

 a latching device which co-operates with the latching element to hold the moveable housing in position relative to the fixed housing before 15 actuation.

12. The plug connector arrangement of claim 11, wherein the latching device is arranged at an introductory region of the ramp-like groove.

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13. The plug connector arrangement of claim 11, wherein the latching device is a resilient latching hook and the latching element is a corresponding latching projection.

14. The plug connector arrangement of claim 12, wherein the latching element is formed by the cam projection.

5 15. The plug connector arrangement of claim 12, wherein the resilient latching hook projects into the ramp-like groove.

10 16. The plug connector arrangement of claim 15, wherein the resilient latching hook is integrally formed from the actuation slide means on a distal end of a cut-out spring arm.

15 17. The plug connector arrangement of claim 11, wherein the groove is formed as a web integrally formed on a surface of the actuation slide means.

20 18. The plug connector arrangement of claim 11, wherein the actuation slide means is formed by two actuation slide elements of mirror-symmetrical construction.

19. The plug connector arrangement of claim 11, wherein the actuation slide means is displaceable in a direction

transverse to a direction of movement of the moveable housing toward the fixed housing.

20. The plug connector arrangement of claim 19, wherein the
5 latching device is movable substantially parallel to the direction of displacement of the actuation slide means.
21. The plug connector arrangement of claim 11, wherein the
10 actuation slide means includes a toothed rack with which a pinion region of a pivotal lever engages in order to displace the actuation slide means.
22. The plug connector arrangement of claim 11, wherein the
15 moveable housing is a socket housing having receptacle contacts and the fixed housing is a plug housing having pluggable contacts.
23. An actuation slide means for a plug connector
20 arrangement, comprising:
 - a ramp-like groove formed in a wall of the actuation slide means; and
 - a resilient latching device that projects into the

ramp-like groove at an introductory region of the groove.

24. The actuation slide means of claim 22, wherein the
5 latching device is integrally formed from the wall of
the actuation slide means at a distal end of a cut-out
spring arm.

25. The actuation slide means of claim 24, wherein the
10 ramp-like groove is formed as a web on a surface of the
wall.